



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

PRELIMINARY ISSUE

E RECALL

2002-05-11  
DATE 20-02-21  
3-89

D5794-11

Job Sheet 207009

Part No: D5794-11

Part Name: Cutout Side



Part Weight: 0 lbs

Job Created: 2/14/20

Due Date: 3/13/20

Type: Stock

Job Qty: 2 pcs

ok to release as per 60020-521  
part complies to rev A  
9

Status: New

Priority: Medium

Job Tracking No:

Created By: Linda Lacelle

Description:

Note: DWG 5794 REV.A7 IPP REV:A NEW ISSUE 20.31.01 JV VERF:DD

Ship Via:

### Bill of Materials

### Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Large Fab - Basket - 1	2 pcs	3/13/20		0.00	0.13	Large Fab - 1		
							Large Fab - 10		
							Large Fab - 2		
							Large Fab - 3		
							Large Fab - 4		
							Large Fab - 5		
							Large Fab - 6		
							Large Fab - 7		
							Large Fab - 8		
							Large Fab - 9		
							Large Fab - 11 (Various)		
							Large Fab - 12		
110	QC 5	2 pcs	3/13/20		0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
							QC 5 - 61		
							QC 5 - 81		



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

Container No: S257178



Part: D5794-11

Job No: 207009

Serial No/Batch: S257178

Revision: REV.A

Inspector:

Exp Date:

Instructions:

Date: 02/20/20

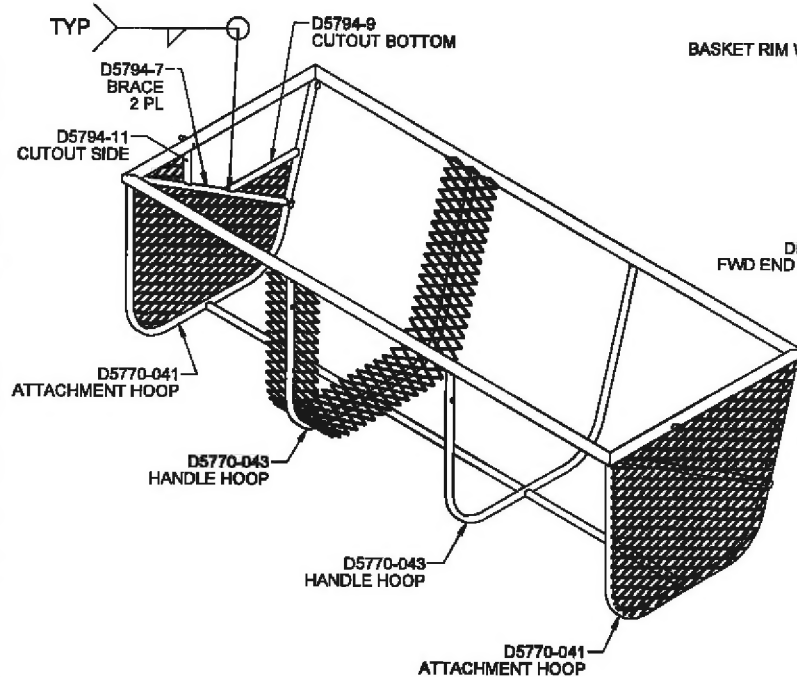
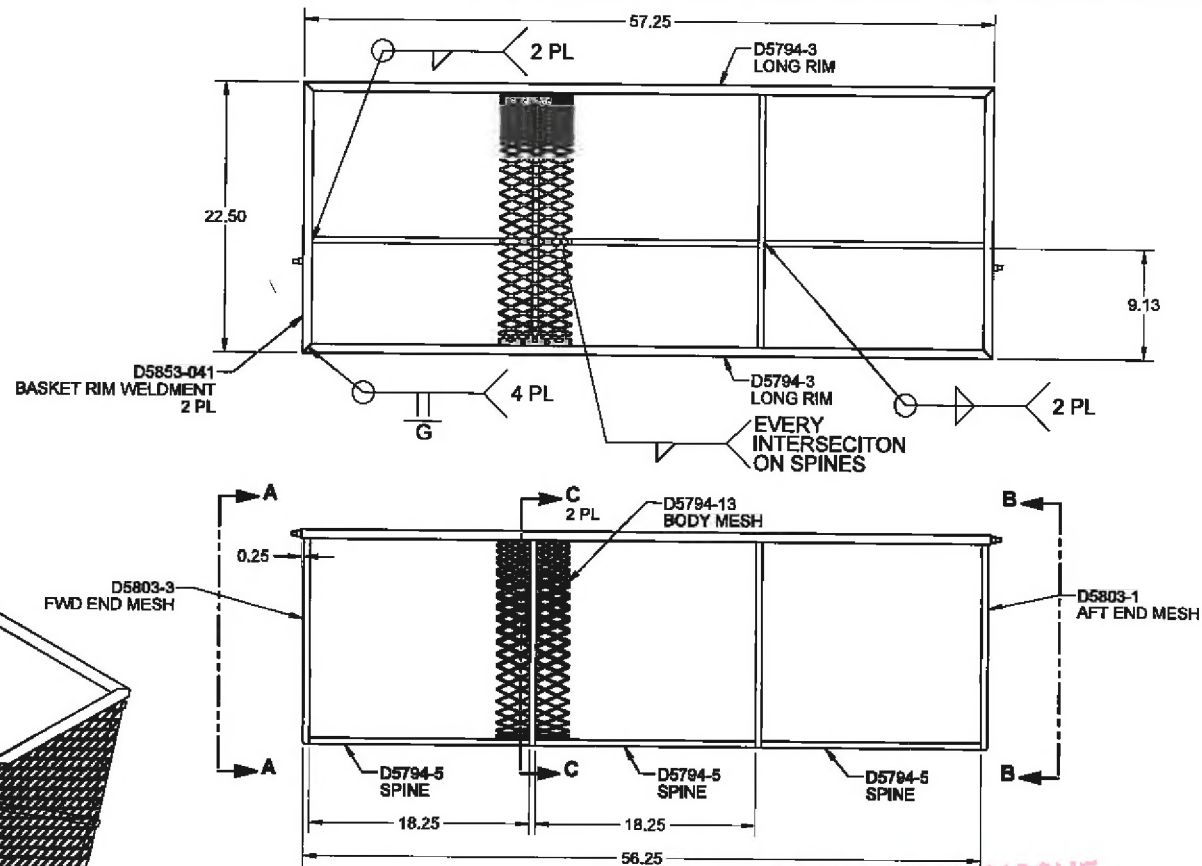
DAS  
9 20-02-21  
3-89

12,3,4,5,6,7

120 Packaging 3-1 - Stock - B4B 2 pcs	3/13/20	0.00 0.00	Packaging 3 - 1 - B4B	
			Packaging 3 - 2 - B4B	
			Packaging 3 - 3 - B4B	
			Packaging 3 - 4 - B4B	
			Packaging 3 - 5 - B4B	
			Packaging 3 - 6 - B4B	
			Packaging 3 - 7 - B4B	
			Packaging 3 - 8 - B4B	
			Packaging 3 - 9 - B4B	
			Packaging 3 - 10 - B4B	
			Packaging 3 - 11 - B4B	MAC
			Packaging 3 - 12 - B4B	
			Packaging 3 - 13 - B4B	
			Packaging 3 - 14 - B4B	
			Packaging 3 - 15 - B4B	
			Packaging 3 - 16 - B4B	
			Packaging 3 - 17 - B4B	
			Packaging 3 - 18 - B4B	
			Packaging 3 - 19 - B4B	
			Packaging 3 - 20 - B4B	
			Packaging 3 - 21 - B4B	
			Packaging 3 - 22 - B4B	
			Packaging 3 - 23 - B4B	
			Packaging 3 - 24 - B4B	
			Packaging 3 - 25 - B4B	
			Packaging 3 - 26 - B4B	
			Packaging 3 - 27 - B4B	
			Packaging 3 - 28 - B4B	
			Packaging 3 - 29 - B4B	
			Packaging 3 - 30 - B4B	
			Packaging 3 - 31 - B4B	
			Packaging 3 - 32 - B4B	
			Packaging 3 - 33 - B4B	
			Packaging 3 - 34 - B4B	
			Packaging 3 - 35 - B4B	
			Packaging 3 - 36 - B4B	
			Packaging 3 - 37 - B4B	
130 QC 21 - SA	2 pcs	3/13/20	0.00 0.00	QC 21 - SA - 21
				QC 21 - SA - 70
				QC 21 - SA - 53
<p>Part Op 100 - 1- Cut as per dwg 2- Deburr Descriptions: 110 - QC5- Inspect part completeness to step on W/O 120 - Identify as per dwg &amp; Stock Location: <i>WH004</i> 130 - QC21- Final Inspection - Work Order Release</p>				
<b>Job BOM</b>				
Part / Item	Component Name	Quantity	Operation	Container
M4130NTS0.500W.035	4130 Square Tube .500 X .500 X .035W	.6066 ft (.3033 ea)	100-Large Fab - Basket - 1	<i>S250 794</i>
<b>Job Allocations</b>				
Operation	Component Part	Required	Inventory	Allocated
100-Large Fab - Basket - 1	M4130NTS0.500W.035	1	151	0
<b>Part Specifications</b>				
Specifications could not be found.				



QTY -041	P/N	DESCRIPTION
X	D5794-041	SHORT BASKET BODY, LH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
2	D5794-3	LONG RIM
3	D5794-5	SPINE
2	D5794-7	BRACE
1	D5794-9	CUTOUT BOTTOM
1	D5794-11	CUTOUT SIDE
1	D5794-13	BODY MESH
1	D5803-1	AFT END MESH
1	D5803-3	FWD END MESH
2	D5853-041	BASKET RIM WELDMENT



- NOTES:**
- 1) MATERIAL: N/A
  - 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5794-041" AND SERIAL NUMBER PER DART QSI 044 6.6
  - 7) WEIGHT: 21.59 lbs
  - 8) WELD PER DART QSI 004
  - 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
  - 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION.

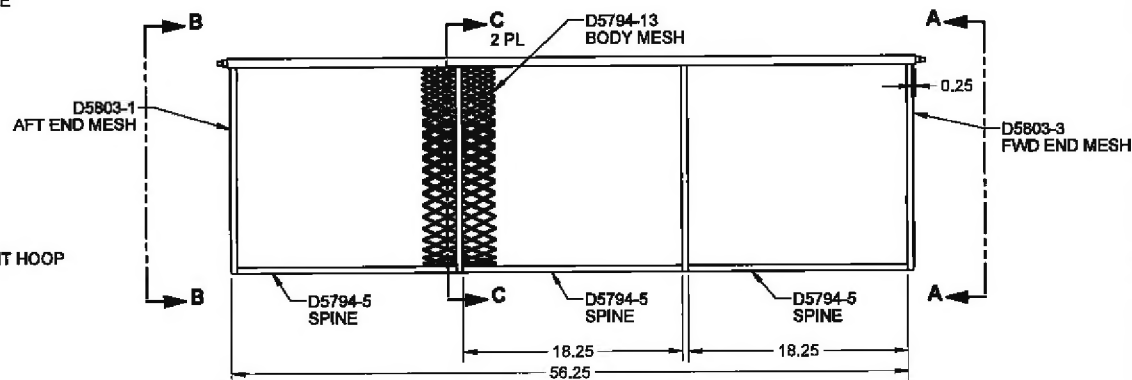
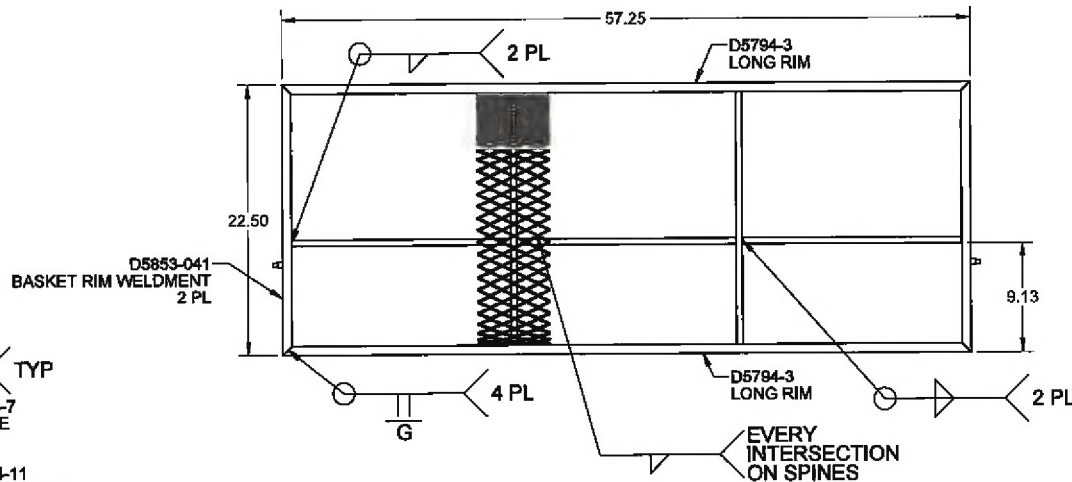
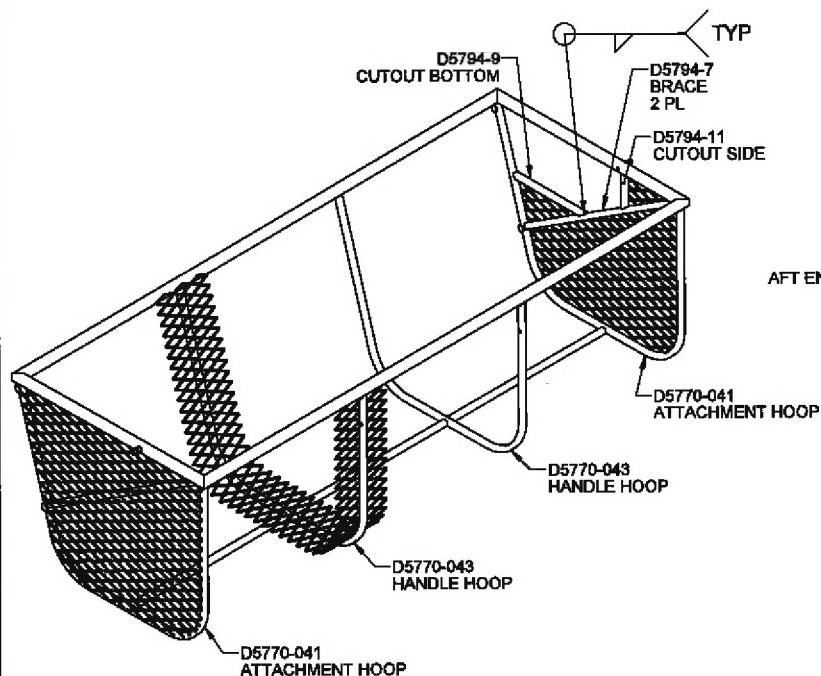
**D5794-041 SHORT BASKET BODY, LH**  
(DERIVED FROM AERO DESIGN P/N 77611-01)  
(MESH SHOWN LOCALLY FOR CLARITY)

PRELIMINARY ISSUE

REV.	NEW ISSUE	DESCRIPTION	ZF	20.01.14
DESIGN	ZF		BY	DATE
DRAWN	ZF			
CHECKED	KPT	DRAWING NO.		REV. A5
MFG. APPR.	DD	D5794		SHEET 1 OF 6
APPROVED		TITLE		SCALE
DE APPR.		SHORT BASKET BODY		NTS
DATE	20.01.14			

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QTY -042	P/N	DESCRIPTION
X	D5794-042	SHORT BASKET BODY, RH
2	D5853-041	BASKET RIM WELDMENT
2	D5794-3	LONG RIM
3	D5794-5	SPINE
2	D5794-7	BRACE
1	D5794-9	CUTOUT BOTTOM
1	D5794-11	CUTOUT SIDE
1	D5794-13	BODY MESH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
1	D5803-1	AFT END MESH
1	D5803-3	FWD END MESH



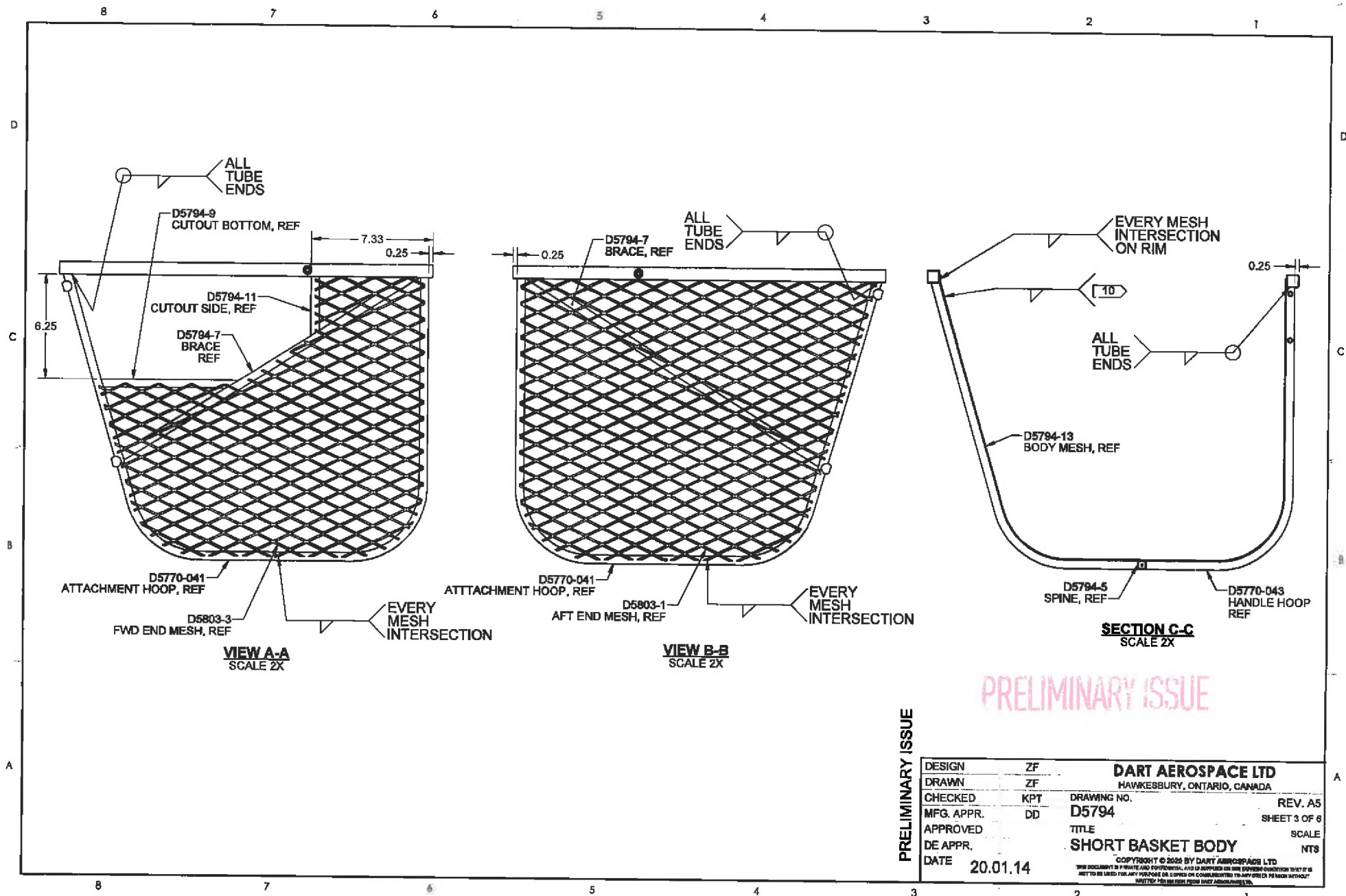
**D5794-042 SHORT BASKET BODY, RH**  
(MESH SHOWN LOCALLY FOR CLARITY)

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5794-042" AND SERIAL NUMBER PER DART QSI 044 6.8
- 7) WEIGHT: 21.58 lbs
- 8) WELD PER DART QSI 004
- 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION.

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b>	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A5
MFG. APPR.	DD	<b>D5794</b>	SHEET 2 OF 6
APPROVED		TITLE	SCALE
DE APPR.		<b>SHORT BASKET BODY</b>	NTS
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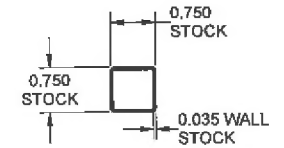
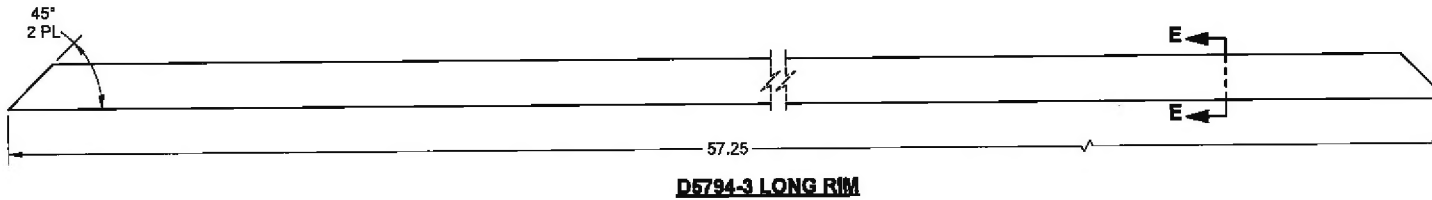
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**SECTION E-E**

PRELIMINARY ISSUE

**NOTES:**

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 3/4 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6370/6361/6362/6373/6374  
REF DART SPEC M4130N-TS
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 1.55 lbs

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b>	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A5
MFG. APPR.	DD	<b>D5794</b>	SHEET 4 OF 6
APPROVED		TITLE	SCALE
DE APPR.		<b>SHORT BASKET BODY</b>	NTS
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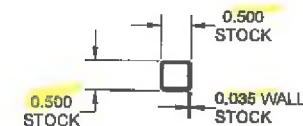
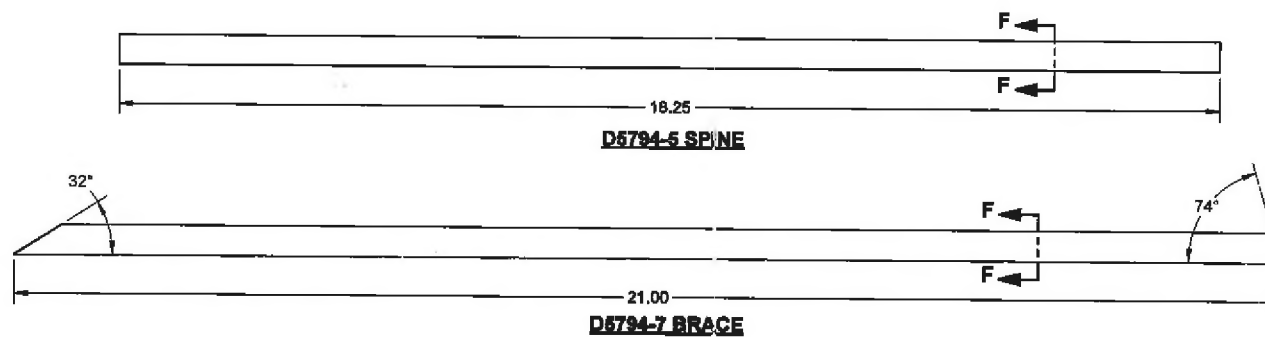
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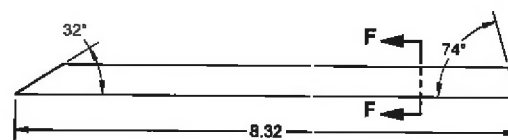
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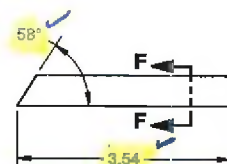
90  
-58  
30



SECTION F-F



D5794-9 CUTOUT BOTTOM



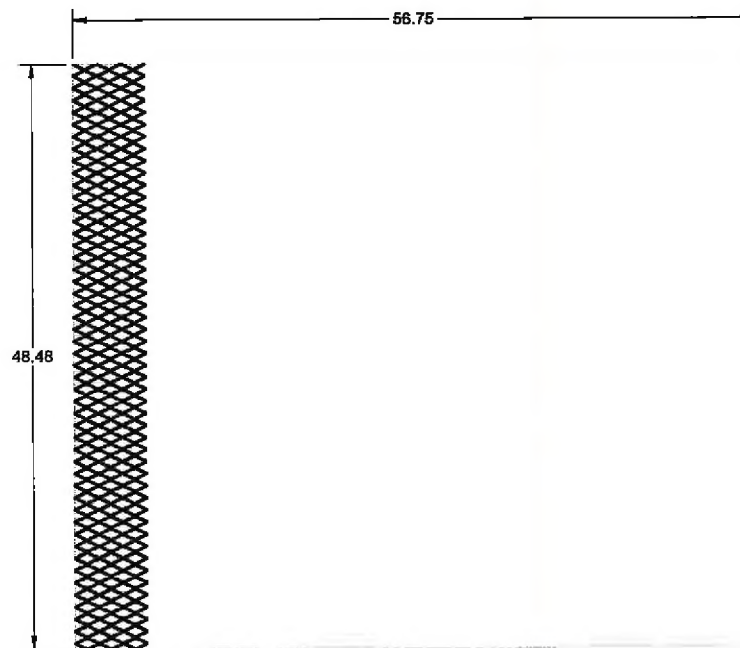
D5794-11 CUTOUT SIDE

PRELIMINARY ISSUE

- NOTES:
- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL  
PER MIL-T-6738 OR AMS 6371/6370/6361/6362/6373/6374  
REF DART SPEC M4130N-TS
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: -5: 0.32 lbs  
-7: 0.38 lbs  
-9: 0.14 lbs  
-11: 0.08 lbs

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b>	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A5
MFG. APPR.	DD	D5794	SHEET 5 OF 8
APPROVED		TITLE	SCALE
DE APPR.		<b>SHORT BASKET BODY</b>	NTS
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**D5794-13 BODY MESH**  
(FLAT VIEW, MESH SHOWN LOCALLY FOR CLARITY)

**NOTES:**

- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F  
PER ASTM F1267 OR MIL-M-17194D  
REF DART SPEC M589EX
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 9.77 lbs

PRELIMINARY ISSUE

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	KPT	DRAWING NO.	REV. A5
MFG. APPR.	DD	<b>D5794</b>	SHEET 6 OF 6
APPROVED		TITLE	SCALE
DE APPR.		<b>SHORT BASKET BODY</b>	NTS
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Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB045594



**Supplier:** FAC001-VU  
Factory Steel  
14020 Oakland Ave.  
Detroit, MI 48203 USA  
Phone: 313 883 6300  
Fax: 313 883 4883

**PO No:** POHB045594

**PO Date:** 1/16/20

**Due Date:** 2/4/20

**Purchase Order**

**Revision:**

**Revision Date:**

**Ship-To Contact:** Phone:

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

JAN 16 2020

### Items

Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		M4130NTS1.000W.065			4130 Square Tube 0.750 X 0.035W MATERIAL: AISI 4130N STEEL SQUARE TUBING PER ONE OF THE FOLLOWING SPEC'S: MIL-T-6736, AMS 6371, 6390, 6361, 6362, 6373 OR 6374	Firmed	-	2/4/20	600 ft	0 ft	600 ft	\$7.25/ft	\$4,350.00
									600 ft	ft			
2		M4130NTS1.000W.065			4130 Square Tube 1.000" X 1.000" X 0.065"W MATERIAL: AISI 4130N STEEL SQUARE TUBING PER ONE OF THE FOLLOWING SPEC'S: MIL-T-6736, AMS 6371, 6390, 6361, 6362, 6373 OR 6374	Firmed	-	2/4/20	160 ft	0 ft	160 ft	\$11.70/ft	\$1,872.00
									160 ft	ft			
<b>Grand Total:</b>												<b>\$6,222.00</b>	



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

**PURCHASE ORDER**  
**POHB045594**



**Order Notes**

**Procurement Quality Clauses**

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable). No Raw Metals from China or Soviet Bloc Countries. (DFARS)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program.

A049 supplier awareness.

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 1/16/20 11:31 AM Dart.Lavoie.Chantal

# PACKING LIST

No. 67371

PG 1 OF 1

PL

FACTORY STEEL & METAL SUPPLY 14020 OAKLAND AVENUE DETROIT, MI 48203		CUSTOMER PO POHB045594		BUYER CHANTEL LAVOIE		SHIP DATE 01/21/2020	
(313)883-4300 PHONE (313)883-4883 FAX		CUSTOMER JOB		Tel: (613) 632-3336 Fax: (613) 632-4443		SHIP VIA ****TRUCK****	
		SALES ORDER 60306		ORDER DATE 01/16/2021		RESALE # 59-2958719	
SOLD TO DART AEROSPACE 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7		SHIP TO DART AEROSPACE 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7		SALES REP MICKY SALON		CARRIER TRUCK	
				SHIP INST CALL WHEN READY		BLIND Y/N N	
				PRO#		FOB DETROIT	
				TERMS NET 30 DAYS			

LINE	QUANTITY	DESCRIPTION	WIDTH	LENGTH	WEIGHT		
1	609.917 FT	4130N CD SMLSS SQ TUBE 3/4" X .035W  Tag Mill Ref # Heat 153513 023679 616506	Pcs Length 26 20' /24' RL	20' /24' RL  Feet 609.917	207.554  Weight 207.554		
2	171.333 FT	4130N CD SMLSS SQ TUBE 1" X .065W  Tag Mill Ref # Heat 153514 072143 072067859	Pcs Length 7 22' /23' RL	22' /23' RL  Feet 171.333	141.606  Weight 141.606		
3	1 PCS	PACKING CHARGES  NTRS (CIRCLE) FAX SHIPMENT INVOICE ALL  DATE: _____ INITIAL: _____					

TOTAL WT. 349 LBS											
RECEIVED BY - SIGNATURE				RECEIVED BY - PRINTED NAME				DATE RECEIVED			

SO



LIVE 1.  
M4130NTS 0.750W.035

616506



DESIGN DH	DRAWN BY DH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED -H	APPROVED -H	DRAWING NO. M4130N-TS	REV. A SHEET 1 OF 1
DATE 05.02.09		TITLE 4130N SQUARE TUBING	SCALE NTS
A	05.02.09	NEW ISSUE	

PURCHASE MATERIAL:

AISI 4130N STEEL SQUARE TUBING PER ONE OF  
THE FOLLOWING SPEC'S: MIL-T-6736, AMS 6371,  
6360, 6361, 6362, 6373 OR 6374

DAS  
82  
9-69

PART NUMBER:

M4130N-TS | A.AAA | W | .TTT |

WHERE A.AAA = WIDTH IN INCHES  
TTT = WALL THICKNESS IN INCHES

EXAMPLE: 0.50" X 0.035" WALL = M4130N-TS0.500W.035

05-03-10 [Signature]

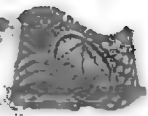
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**PLYMOUTH TUBE CO.**

1201 East 14th Street, Detroit, MI 48203  
Phone (313) 673-1616 Fax (313) 672-7005  
TRUST YOUR SOURCE AND PRO SUBSTITUTION



# PRODUCT CERTIFICATION

SALES ORDER - LINE / RLS

175629 - 1 / 0

## SHIP TO

Factory Steel & Metal Supply C  
14020 Oakland Avenue  
Detroit, MI 48203  
USA

WORK ORDER 023679

PCS/HEAT 0

HEAT NUMBER 616506

MELT SOURCE Benteler Steel & Tube-Germany

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LADING NO	CERT ID / REV	CERT DATE								
3887	SQ-N34035												
<b>PART DESCRIPTION</b> SHSQ0750035J300 ***** Square OD ***** Side1: 0.7500 Max:0.7600 Min:0.7400 Side2: 0.7500 Max:0.7600 Min:0.7400 Wall: 0.0350 Max:0.0380 Min:0.0320 Length 10.00/25.00 Spec: 304 Seamless Aircraft Grade: 4130 Anneal: Cond N													
<b>CERTIFICATION REQUIREMENTS</b> FAR BAA (FAR 52.225-1 Buy America Act Supplies), DFARS 252.225-7001 Buy America Act & Bal. of Payments Program FAR TAA (FAR 52.225-5 Trade Agreements)(Paragraph 1,3,4,5) This material was Eddy Current tested and conforms to the requirements of ASTM A-450. The Grain size is determined and reported by the raw material supplier in accordance to ASTM E-112. This raw material was magnetic particle inspected by the raw material supplier in accordance to AMS 2640J and/or ASTM E-1444, and rated as Frequency, and Severity to AMS 2301, latest revision. Yield is determined by using the 0.2% offset method. Additional Specifications : AMS-T 6730B, 6360P & 6371L. Material produced in accordance to ASTM A-519-17 and Mill - T 6736B. This material meets Plymouth PreMoly specifications. Jominy results: J(5/16")=45 J(8/16")=38													
<b>Chemical Analysis</b>													
C	Mn	P	S	Si	Al	Cr	Mo	Ni	Pb	Cu	V	Ti	Sn
.310	.55	.011	.002	.230	.036	.87	.18	.12	.001	.16	.002	.002	.010
<b>Physical Properties</b>													
Freq.	Severity	Grain Size											
.020	.015	9											
<b>Mechanical Properties</b>													
<b>TEST</b>	<b>UNITS</b>	<b>TESTS</b>	<b>HIGH</b>	<b>LOW</b>	<b>AVERAGE</b>	<b>STD-DEV</b>							
Tensile	Psi	6	126660	125480	126065	482							
Yield	Psi	6	120930	119880	120387	374							
Elongation	%	6	21	20	20	1							
Rockwell C	Rc	6	25	25	25	0							
<b>TEST</b>	<b>RESULT</b>												
Decarb/OD	Pass												
Total ID/OD decarb	Pass												

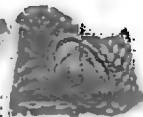
I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, created in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.

*John D. Russell*  
Quality Representative



**PLYMOUTH TUBE CO.**

1205 E. 12th St., Detroit, MI 48203  
Phone: (313) 478-1818 Fax: (313) 478-1819  
Telex: 151100 JOURNAL PLANT TO JCSMSTUW153472



# PRODUCT CERTIFICATION

SALES ORDER - LINE / RLS

175828 - 1 / 0

WORK ORDER 023679

PCS/HEAT 0

HEAT NUMBER 616508

MELT SOURCE Bunker Steel & Tube-Germany

SHIP TO

Factory Steel & Metal Supply C  
14020 Oakland Avenue  
Detroit, MI 48203  
USA

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LADING NO	CERT ID / REV	CERT DATE
3887	SQ-N34035			/	

PART DESCRIPTION SHSQ0750035J300

## Additional Specification(s)

TEST	UNITS	#TESTS	HIGH	LOW	AVERAGE	STD-DEV
Brinell	Brinell	6	253	253	253	0

This test report data is for the heat Chemistry Stated above.

The material in this test report is:

- 1) Drawn in the USA
- 2) Free from Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Mercury contamination.
- 3) NAFTA compliant.

End of Certification

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streator in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.

*Janie Benson*  
Quality Assurance

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4130NTS0.750W.035 PO / BATCH NO.: P01B045594  
 DATE: JAN 27 2020 5250794

MATERIAL CERT REC'D: YES  
 QUANTITY RECEIVED: 609 PL  
 QUANTITY INSPECTED: 609 PL  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .750W.035  
 THICKNESS RECEIVED: .750W.035  
 SHEET SIZE ORDERED: —  
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	MIL-T-16736
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	616506
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

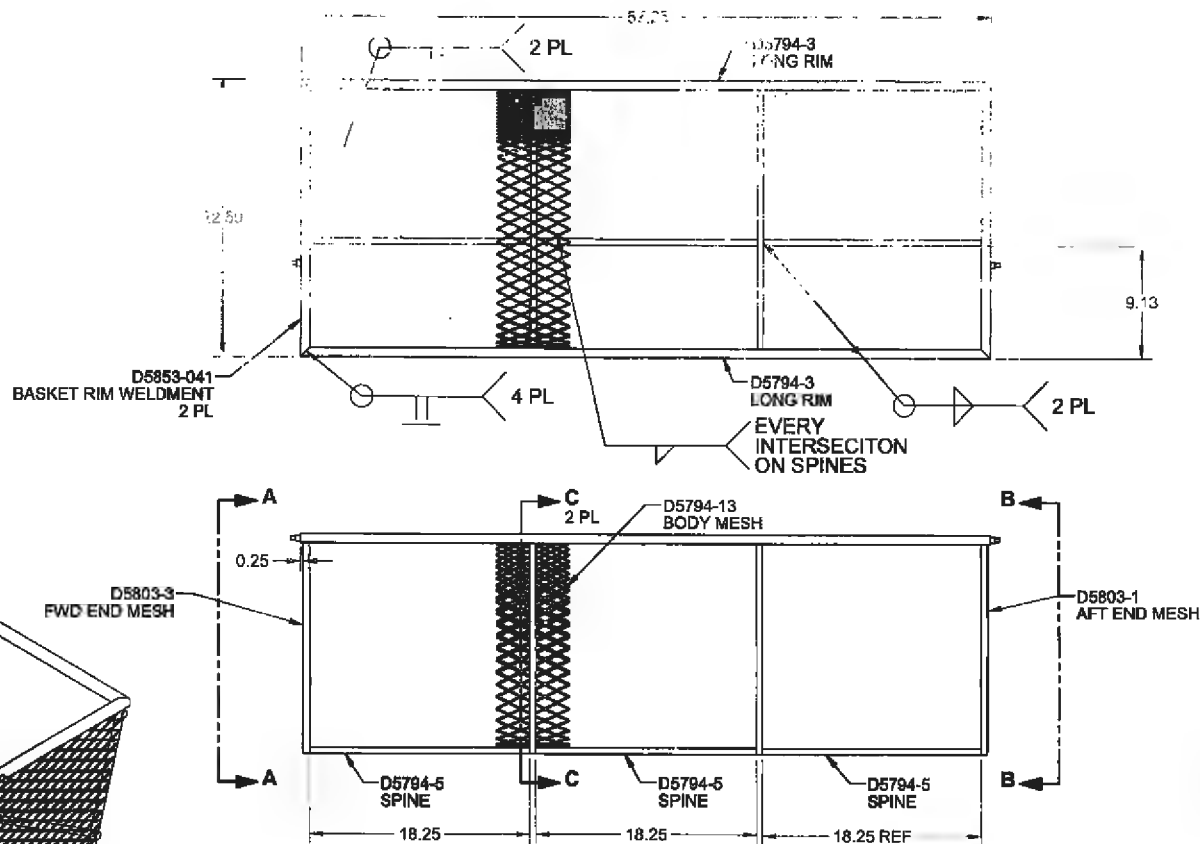
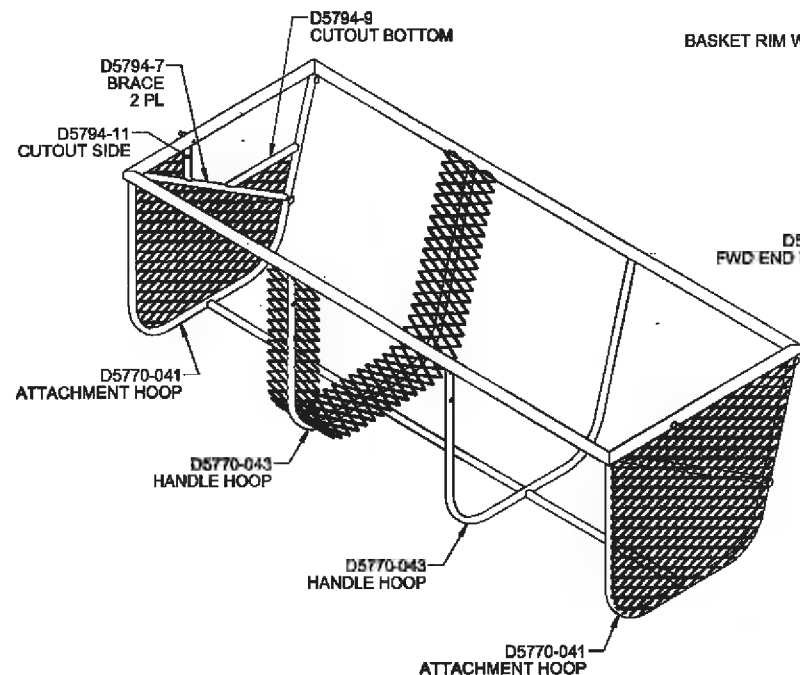
testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: _____	DAS	SIGNED OFF BY: _____	
DATE: <u>JAN 27 2020</u>	<u>32</u> 0.89	DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



QTY -041	P/N	DESCRIPTION
X	D5794-041	SHORT BASKET BODY, LH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
2	D5794-7	BRACE
2	D5794-11	CUTOUT SIDE
1	D5794-9	CUTOUT BOTTOM
1	D5803-3	FWD END MESH
1	D5803-1	AFT END MESH
2	D5853-041	BASKET RIM WELDMENT



**D5794-041 SHORT BASKET BODY, LH**  
(DERIVED FROM AERO DESIGN P/N 77611-01)  
(MESH SHOWN LOCALLY FOR CLARITY)

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

# NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: 21.58 lbs
- 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
- 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION MINIMUM
- 11) WELD EVERY MESH INTERSECTION

RELEASED

2020 FEB 18 NO  
ECN 2020-521

APPROVED

REV.	DESCRIPTION	DATE
A	NEW ISSUE	20.01.14
DESIGN	ZF	
DRAWN	ZF	
CHECKED	KPT	
MFG. APPR.	DD	
APPROVED	NO	
DE APPR.	CP	
DATE	20.01.14	

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

REV. A  
SHEET 1 OF 6  
SCALE  
NTS

**SHORT BASKET BODY**  
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**NOTES:**

**APPROVED**

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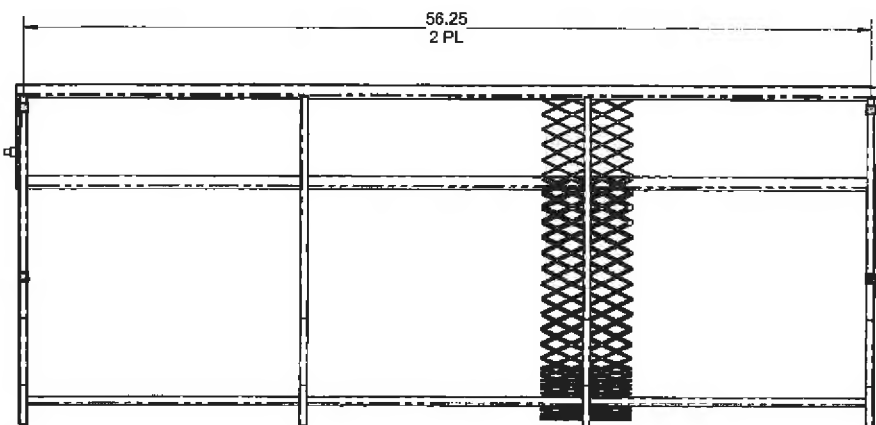
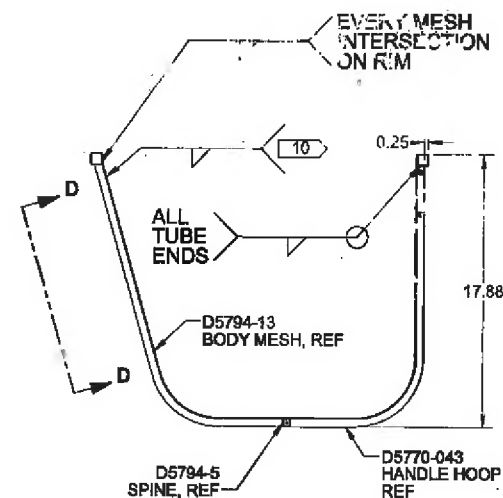
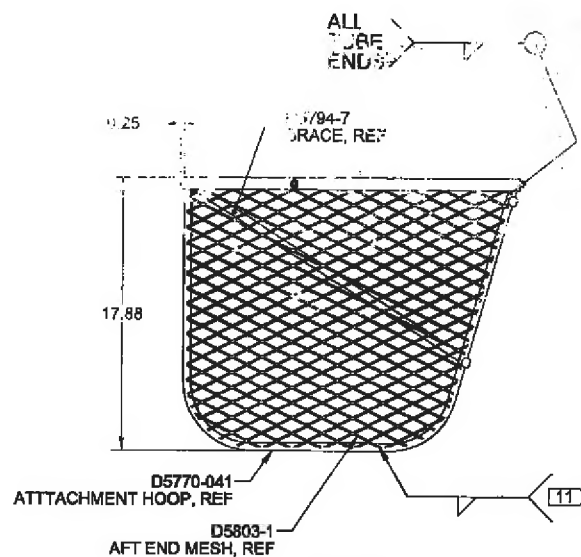
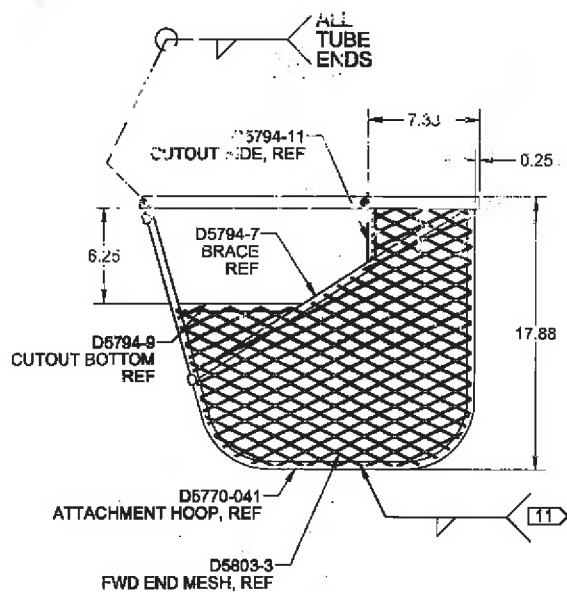
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RELEASED

2020 FEB 18 *NO*

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

APPROVED

DESIGN ZF

DRAWN ZF

CHECKED KPT

MFG. APPR. DD

APPROVED NO

DE APPR. CP

DATE 20.01.14

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.

D5794

TITLE

SHORT BASKET BODY

REV. A

SHEET 3 OF 6

SCALE

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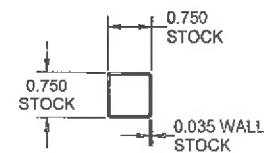
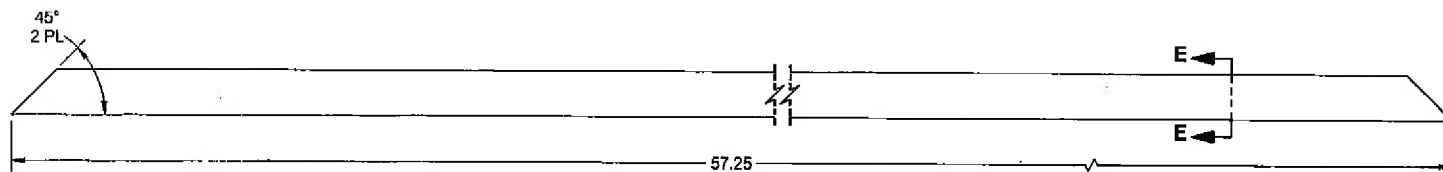
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**SECTION E-E**

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

**NOTES:**

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 3/4 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6360/6361/6362/6373/6374  
REF DART SPEC M4130N-TS0.750W.035
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 1.55 lbs

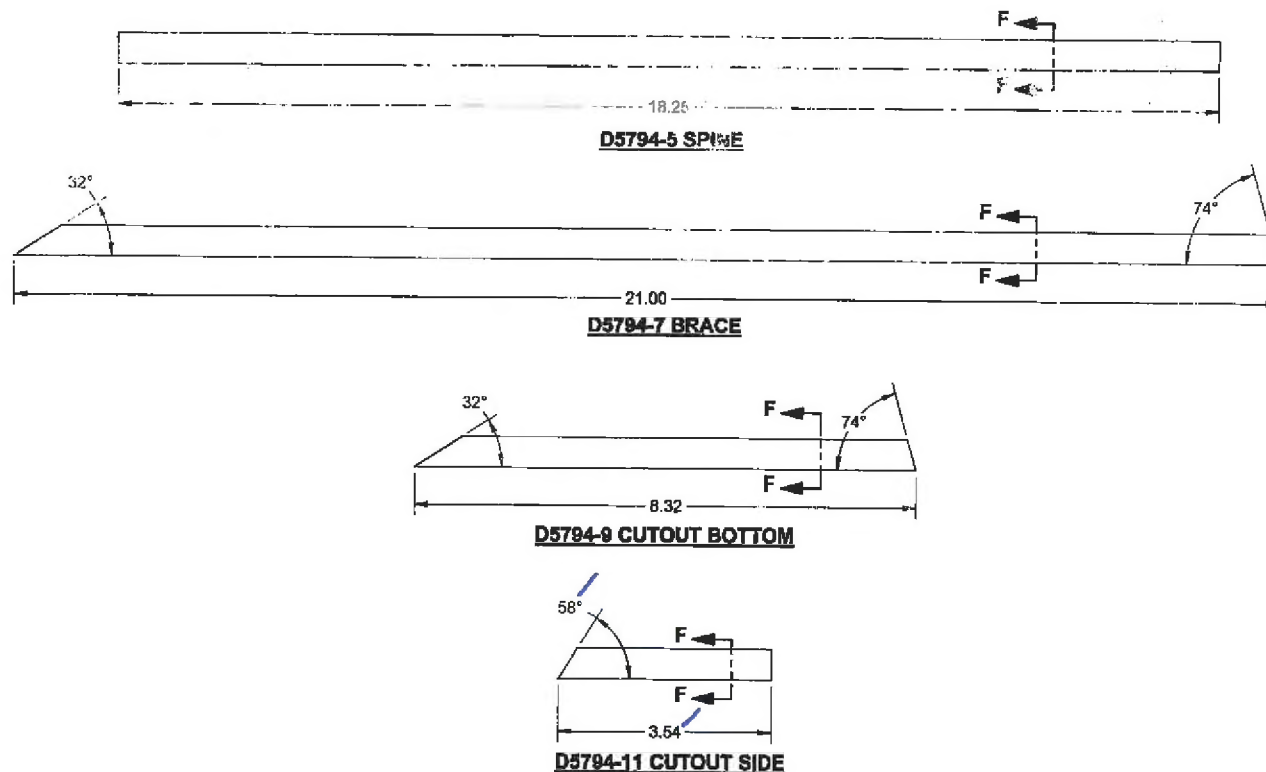
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2020 FEB 18 *NO*

APPROVED

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DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A
MFG. APPR.	DD	<b>D5794</b>	SHEET 4 OF 6
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	<b>SHORT BASKET BODY</b>	NTS
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8 7 6 5 4 3 2 1





# NOTES:

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL  
PER MIL-T-8736 OR AMS 6371/6360/6361/6362/6373/6374  
REF DART SPEC M4130N-TS0.500W.035
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -5: 0.32 lbs  
-7: 0.36 lbs  
-9: 0.14 lbs  
-11: 0.06 lbs

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

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2020 FEB 18 NO

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**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.

**D5794**

TITLE

**SHORT BASKET BODY**

REV. A

SHEET 5 OF 6

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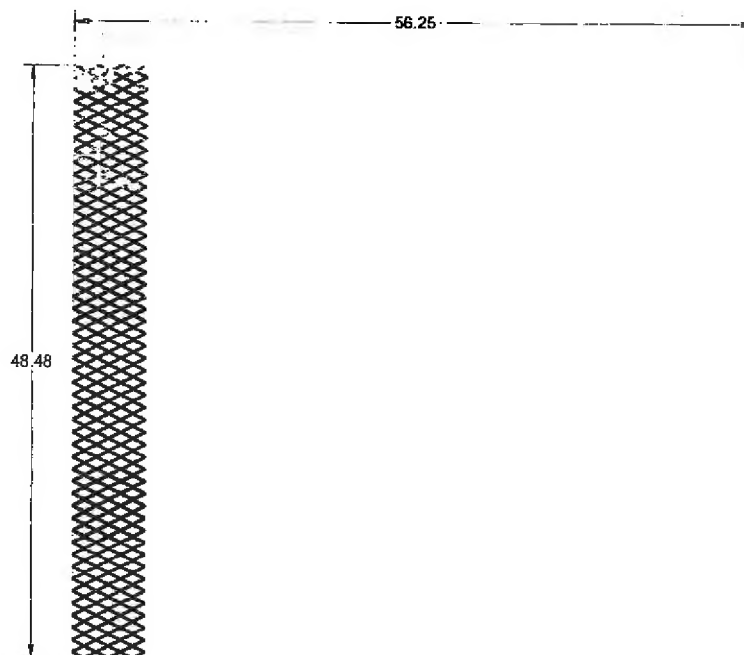
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**D5794-13 BODY MESH**  
(FLAT VIEW, MESH SHOWN LOCALLY FOR CLARITY)

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

**RELEASED**

2020 FEB 18 NO

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**NOTES:**

- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-10F  
PER ASTM F1267 OR MIL-M-17194D  
REF DART SPEC M569EX0.75-16F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 9.77 lbs

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